

in the WDM signal, the interferometer comprising a free spectral range coinciding with a channel spacing of the WDM signal or an integer multiple of the channel spacing; and  
a plurality of demultiplexing elements each operable to separate a received set of intensity modulated optical information signals into a plurality of signals each having at least one intensity modulated optical information signal.

- 20. (Cancel)

21. (Currently Amended) The demultiplexer of Claim 20, wherein the demultiplex elements comprise ~~Mach-Zender~~ Mach Zehnder interferometers.

#### CONCLUSION

Applicants have now made an earnest attempt to place this case in condition for immediate allowance. For the foregoing reasons and for other apparent reasons, Applicants respectfully request allowance of all pending claims.

With the filing of the Request for Continued Examination, an additional filing fee of \$770.00 is due. Enclosed is a check in the amount of \$770.00 to cover this fee. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. 02-0384 of Baker Botts L.L.P.

If Examiner believes that prosecution of this Application would be advanced by discussing the Application with Applicant's representative, a telephone call to the undersigned is strongly encouraged.

ATTORNEY DOCKET NO.  
064731.0185

PATENT  
USSN 09/853,316

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Respectfully submitted,

BAKER BOTTS L.L.P.  
Attorneys for Applicant

A handwritten signature in black ink, appearing to read "Brian W. Oaks", is written over the printed name and registration number.

Brian W. Oaks  
Reg. No. 44,981

9/10/04

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